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MONTANA OIL AND GAS STATISTICAL BULLETIN

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THE OIL AND GAS CONSERVATION COMMISSION

VOL. V. No. 7 McKEE PRINT. July, 1957

Production of crude oil and condensate from the oil and gas areas of Montana for the month of July, 1957, averaged 76,399 barrels daily, an increase of 1,395 barrels from the average June production of 75,004.

The eleven refineries in the State processed 61,283 barrls of crude oil daily for the month of July, 1957, a decrease of 4,990 barrels daily from the 66,273 barrels processed daily during the month of June, 1957.

During July, 43 wells were completed, 18 oil, 8 gas wells and 17 dry holes.

During July, the Commission issued 35 permits to drill new wells, a decrease of 14 from the 49 permits issued during June.

SUMMARY OF CRUDE OIL PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA

MONTH OF JULY, 1957

IN STORAGE JULY 1st:	
By Producers	355,630
By Transporters	655,095
By Refiners	518,984
TOTAL STORAGE	1,529,709
Produced in Montana During Month	2,368,373
Imported During Month	1,328,506
TOTALS	5,226,588
DISPOSITION:	
Refined in Montana	1,899,789
Exported	1,555,667
Used for Fuel or Lost	7,081
TOTAL	3,462,537
IN STORAGE JULY 31st:	
By Producers	354,968
By Transporters	718,639
By Refiners	690,444
TOTAL STORAGE	1,764,051

NATURAL GAS WITHDRAWALS IN MONTANA

Month of July, 1957

Field	M Cu. Ft.
Bears Den	2,385
Big Coulee	21,286
Bowdoin	32,629
Bowes	34,990
Box Elder	6,485
Cabin Creek	38,412
Cedar Creek	174,022
Cut Bank (Including Reagan)	768,100
Devon	22,074
Dry Creek	118,385
Elk Basin	27,886
Flat Coulee	43,706
Golden Dome	1,876
Hardin	2,425
Keith Block	34,084
Kevin-Sunburst	43,887
Pine	78,559
Plevna	20,416
Utopia	2,564
Whitlash	90,568
Miscellaneous	24,791
TOTAL	1,589,530

Total Withdrawals for July, 1956, were 1,220,960 M Cu. Ft.

PRODUCER'S REPORT
MONTH OF JULY, 1957

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By Pipeline	Oil Shipped By Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	339	3,391	.....	2,507	.....	1,223
1	Bannatyne	2	.....	898	.....	898	.....	.....
11	Big Wall	29	5,704	21,463	.....	22,259	48	4,860
6	Blackfoot	7	1,220	8,561	7,341	.....	.....	2,440
4	Border	8	.....	752	.....	752	.....	.....
17	Bowes	82	4,734	25,599	21,081	.....	.....	9,252
3	Bredette	3	2,305	1,792	1,529	.....	.....	2,568
4	North Bredette	4	3,593	12,302	9,777	2,948	.....	3,170
1	Brorson	2	1,747	2,192	2,745	.....	.....	1,194
2	Bynum	2	655	207	.....	531	.....	331
2	Cabin Creek	55	17.363	352,309	351,860	.....	303	17,009
29	Cat Creek	97	6,354	13,486	14,567	.....	.....	5,273
1	Clark's Fork	1	179	553	.....	553	.....	179
2	Clark's Fork, North	3	4,490	13,322	.....	14,018	.....	3,794
2	Cupton	2	1,406	1,590	1,883	.....	27	1,086
346	Cut Bank	1,146	120,118	217,127	224,115	.....	52	113,078
3	Deer Creek	5	1,554	6,797	7,600	.....	.....	751
2	Delphia	2	1,494	6,854	.....	6,896	.....	1,452
1	Devil's Basin	1	215	249	.....	.....	.....	464
6	Dry Creek	6	1,375	7,468	7,664	.....	.....	1,179
20	Elk Basin	58	11,006	176,195	177,356	.....	.....	9,845
3	Fertile Prairie	3	1,427	2,200	2,207	.....	.....	1,420
2	Frannie	2	139	4,819	3,945	.....	.....	1,013
2	Gage	2	926	255	.....	448	.....	733
3	Gas City	12	6,885	27,320	30,498	.....	.....	3,707
6	Glendive	12	7,443	61,886	64,353	.....	.....	4,976
5	Ivanhoe	11	3,824	35,242	.....	34,517	.....	4,549
214	Kevin-Sunburst	1,426	14,623	87,430	85,960	.....	5	16,088
2	Lake Basin	2	385	248	.....	201	.....	432
1	Little Beaver	7	2,369	19,433	20,051	.....	.....	1,751
2	East Little Beaver	2	956	1,977	1,364	.....	.....	1,569
5	Melstone	7	3,368	6,067	.....	6,529	.....	2,906
3	Mosser	8	1,000	947	.....	947	.....	1,000
4	Outlook Area	4	4,576	17,890	13,768	.....	1,473	7,225
11	Pennel	23	9,325	62,951	63,386	.....	.....	8,890
4	Pine	107	18,717	489,927	484,274	.....	1,492	22,878
74	Pondera	326	8,979	52,217	51,268	.....	.....	9,928
11	East Poplar	86	27,538	384,142	359,858	26,188	172	25,462
3	Northwest Poplar	4	822	2,272	2,079	.....	.....	1,015
4	Ragged Point	8	2,330	10,015	.....	8,649	.....	3,696
1	Rattlesnake Butte	1	399	91	.....	252	.....	238
4	Reagan	43	3,726	18,067	19,111	.....	.....	2,682
1	Repeat	1	496	2,571	2,405	.....	.....	662
4	Richey	8	3,375	12,615	12,467	.....	.....	3,523
2	Snyder	4	1,073	3,055	.....	2,661	.....	1,467
5	Soap Creek	18	12,663	11,309	.....	8,703	.....	15,269
1	Southwest Richey	2	954	5,554	5,134	.....	.....	1,374
18	Sumatra	56	12,880	111,613	103,763	4,299	.....	16,431
4	Sweetgrass Hills	4	727	509	.....	554	.....	682
10	Whitlash	28	7,015	10,410	9,729	1,696	.....	6,000
8	Wolf Springs	20	9,050	48,012	50,182	.....	.....	6,880
2	Woodrow	2	1,051	4,064	4,637	.....	.....	478
1	Yellowstone	1	738	158	.....	.....	.....	896
884		3,759	355,630	2,368,373	2,217,957	147,006	4,072	354,968

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year 1956	21,759,561	59,615	21,585,574	59,139
First Quarter, 1957	6,374,172	71,620	6,318,255	70,992
Second Quarter, 1957	6,725,093	73,902	6,689,645	73,512
July 31, 1957	2,368,373	76,399	2,364,963	76,289

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil in Storage*
December, 1956	324,681	618,681	768,496	1,711,858
March 31, 1957	342,456	636,795	637,001	1,616,252
June 30, 1957	355,630	655,095	518,984	1,529,709
July 31, 1957	354,968	718,639	690,444	1,764,051

*Includes Wyoming Oil.

TRANSPORTERS REPORT

MONTH OF JULY, 1957

	Storage First of Month	Oil Received by			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,507				2,507		
BANNATYNE—Truck			898			898			
BIG WALL—Truck			22,259			13,351	8,908		
BLACKFOOT—Union Oil Co.		7,341				7,341			
BORDER—Truck			752			752			
BOWES—									
Trigood Oil Company	5,366	2,669			89		1,857		6,090
The Texas Company		18,412				18,412			
	5,366	21,081			88	18,412	1,857		6,090
BRORSON—Sun Oil Company		2,745					2,745		
BYNUM—Truck			531			531			
CABIN CREEK & OTHERS*									
Butte Pipe Line Co.	301,588	902,326		547,059	(3)		1,432,306		318,670
Shell Pipe Line Co.	4,838	88,092			(5)			90,951†	1,984
	306,426	990,418		547,059	(8)		1,432,306	90,951	320,654
CAT CREEK—									
Continental Pipe Line Co.	7,186	10,342			(630)	11,519			6,639
Wm. Hanlon		4,225				4,225			
	7,186	14,567			(630)	15,744			6,639
CLARKS FORK—Truck			14,571			4,430	10,141		
CUT BANK									
Big West Oil Co.		4,251		19,706		23,957			
Darling Gathering System, Inc.	3,592	14,341				14,333			3,600
Phillips Petroleum Co.	26,884	41,204		3,100	333	8,761		12,358	49,736
Texas Pipe Line Co.	87,296	50,665		45,519	669	82,684		25,167	74,961
Toronto Pipe Line Co.	20,586	62,997			(3)			43,159	40,427
Union Oil Co.	133,664	50,150		12,359	(1711)	73,731			124,153
	272,022	223,608		80,684	(713)	203,466		80,684	292,877
DELPHIA—Truck			6,896			6,896			
DRY CREEK—Ohio Oil Co.	6,911	8,027			24	6,766			8,148
ELK BASIN—Ohio Oil Co.		177,356				127,758	49,598		
FRANNIE—Ohio Oil Co.		3,945					3,945		
GAGE—Truck			448			448			
GLENDIVE— DEER CREEK & WOODROW—									
The Texas Pipe Line Co.	7,187	76,590			(200)		9,233	66,399†	8,345
IVANHOE—Truck			34,517			33,586	931		
KEVIN-SUNBURST									
Big West Oil Co.	2,180	38,036				38,030			2,186
Homestake Oil & Gas Co.	81	3,791				3,675			197
The Texas Pipe Line Co.	7,042	42,707		1,662	1,904	41,583			7,924
Anna Aronow	116	1,667						1,662	121
	9,419	86,201		1,662	1,904	83,288		1,662	10,428
LAKE BASIN—Truck			201			201			
MELSTONE—Truck			6,529			6,529			
MOSSER—Truck			947			947			
PONDERA—									
Phillips Petroleum Company	6,264	51,130			328	21,004			36,062
POPLAR, BREDETTE & OUTLOOK									
East Poplar Gathering System	17,317	387,011			(590)			389,709†	15,209
Trucks			29,136				29,136		
	17,317	387,011	29,136		(590)		29,136	389,709†	15,209
RAGGED POINT—Truck			8,649			8,649			
RATTLESNAKE BUTTE—Truck			252			252			
REAGAN—Union Oil Co.		19,111				19,111			
SNYDER—Truck			8,703			8,703			
SOAP CREEK—Truck			2,661			600	2,061		
SUMATRA									
Powder River Pipe Line Inc.	13,993	103,763			519	105,808			11,429
Trucks			4,299				4,299		
	13,993	103,763	4,299		519	105,808	4,299		11,429
SWEETGRASS HILLS—Trucks			554			554			
WHITLASH									
Homestake Oil & Gas Co.	1,375	368		9,301		8,550			2,494
Western Natural Gas Co.	205	9,360						9,301	264
Truck			1,696			1,696			
	1,580	9,728	1,696	9,301		10,246		9,301	2,758
WOLF SPRINGS—									
Powder River Pipe Line Co.	1,424	50,193			(1,726)	53,343			
TOTALS	655,095	2,232,815	147,006	638,706	(1,004)	759,614	1,557,667	638,706	718,639

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, East Little Beaver, Pennel, Pine, Repeat, Richey, and Southwest Richey Fields.

†Transferred to Butte Pipe Line Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF JULY, 1957

Field	Big West Oil Co.	Carter Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Jet Fuel Refinery	Phil. Petr. Co.	The Texas Co.	Texas Calgary Co.	Union Oil Co	Unity Petr. Co.	Total by Fields
Bannatyne	.....	.....	.....	.....	.....	.....	898	.....	.....	.....	.....	898
Big Wall	.....	.....	.....	.....	12,592	.....	.....	.....	.....	.....	.....	12,592
Blackfoot	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,341	.....	7,341
Bowes	.....	.....	.....	16,189	.....	.....	984	.....	.....	.....	.....	17,173
Bynum	.....	.....	.....	.....	.....	.....	531	.....	.....	.....	.....	531
Cat Creek	.....	.....	11,284	.....	.....	2,978	.....	.....	.....	.....	.....	14,262
Clark's Fork	.....	.....	.....	.....	4,430	.....	.....	.....	.....	.....	.....	4,430
Cut Bank	25,170	.....	.....	.....	.....	.....	8,761	16,431	.....	65,783	.....	116,145
Delphia	.....	.....	.....	.....	.....	5,541	.....	.....	.....	.....	.....	5,54[redacted]
Dry Creek	.....	.....	.....	.....	6,138	.....	.....	.....	.....	.....	.....	6,138
Elk Basin	.....	88,041	39,717	.....	.....	.....	.....	.....	.....	.....	.....	127,758
Gage	.....	.....	.....	.....	589	.....	.....	.....	.....	.....	.....	589
Ivanhoe	.....	.....	.....	.....	13,495	.....	.....	.....	.....	19,466	.....	32,961
Kevin-Sunburst	39,533	.....	.....	.....	.....	.....	.....	3,699	.....	.....	.....	43,232
Lake Basin	.....	.....	.....	.....	244	.....	.....	.....	.....	.....	.....	244
Melstone	.....	.....	.....	.....	4,672	550	.....	.....	.....	.....	.....	5,222
Pondera	139	.....	.....	.....	.....	.....	25,918	.....	.....	.....	139	26,196
Ragged Point	.....	.....	.....	.....	8,741	.....	.....	.....	.....	.....	.....	8,741
Reagan	.....	.....	.....	.....	.....	.....	.....	.....	.....	19,111	.....	19,111
Snyder	.....	.....	.....	.....	.....	.....	.....	.....	600	.....	.....	600
Soap Creek	.....	.....	.....	.....	.....	.....	.....	.....	6,096	.....	4,335	10,431
Sumatra	.....	.....	392	.....	103,363	.....	.....	.....	.....	.....	.....	103,755
Sweetgrass Hills	554	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	554
Whitlash	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,696	.....	1,696
Wolf Springs	.....	48,441	.....	.....	.....	.....	.....	.....	.....	.....	.....	48,44[redacted]
Total Montana Oil.	65,396	136,482	51,393	16,189	154,264	9,069	37,092	20,130	6,696	113,397	4,474	614,582
Canadian Oil Imported	.....	.....	.....	.....	.....	.....	478	.....	.....	6,938	962	8,378
Wyoming Oil Imported	.....	584,870	271,966	.....	417,890	2,103	.....	.....	.....	.....	.....	1,276,829
TOTAL Montana, Canadian, and Wyoming Oil	65,396	721,352	323,359	16,189	572,154	11,172	37,570	20,130	6,696	120,335	5,436	1,899,789

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	TOTAL
Year 1956	24,735	239	37,486	62,460
July 1956	21,852	265	42,901	65,018
July 1957	19,825	270	41,188	61,283

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
39.60%	.39%	60.01%
33.61%	.41%	65.98%
32.35%	.44%	67.21%